

## ABSTRAK

### KORELASI KADAR sFlt1 SERUM DENGAN TEKANAN DARAH PADA PREEKLAMPSI BERAT

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**Tujuan :** Mengetahui korelasi antara sFlt-1 dengan tekanan darah.

**Metode :** Penelitian ini merupakan penelitian observasional analitik, dengan desain *cross sectional* di Instalasi Gawat Darurat (IGD) Kebidanan RSUP Dr M Djamil Padang mulai dari bulan Februari-Agustus 2016. Didapatkan sampel penelitian sebanyak 20 orang yang memenuhi kriteria inklusi dan eksklusi. Teknik pengambilan sampel dilakukan dengan consecutive sampling. Analisis data dilakukan secara univariat dan bivariat dengan menggunakan uji korelasi pearson.

**Hasil:** Hasil penelitian diketahui rerata kadar sFlt1 pada responden dengan preeklampsia berat yaitu  $3214,1 \pm 426,1$  pg/ml. Korelasi antara kadar sFlt1 serum dengan tekanan darah sistolik menunjukkan korelasi yang kuat ( $r=0,650$ ) dan berpola positif. Korelasi antara kadar sFlt1 serum dengan tekanan darah diastolik menunjukkan korelasi yang sedang ( $r=0,450$ ) dan berpola positif. Hasil uji statistik diketahui terdapat korelasi antara kadar sFlt1 serum dengan tekanan darah sistolik ( $p=0,002$ ) dan diastolik ( $p=0,047$ ).

**Kesimpulan :** Terdapat korelasi antara kadar sFlt1 serum dengan tekanan darah.

**Kata Kunci :** sFlt1 serum, tekanan darah

## ABSTRACT

### THE CORRELATION BETWEEN sFlt1 SERUM LEVELS IN HEAVY OF PREEKLAMPSIA

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**Objective:** To determine the relationship between sFlt-1 serum level in blood pressure.

**Methods:** This study is observational analytic with cross sectional study design in Midwifery Emergency Room Dr. M. Djamil Central General Hospital Padang starts in February-August 2016. It was found the study sample as many as 20 who meet the inclusion and exclusion criteria. The sampling technique is done by consecutive sampling. Data analysis was performed using univariate and bivariate using pearson correlation test.

**Results:** The results reveal the average levels of sFlt1 in respondents with severe preeclampsia is  $3214,1 \pm 426,1$  pg / ml. The correlation between serum levels of sFlt1 with systolic blood pressure showed a strong correlation ( $r = 0,650$ ) and a positive pattern. The correlation between serum levels of sFlt1 with diastolic blood pressure showed a moderate correlation ( $r = 0,450$ ) and a positive pattern. The statistical test result known correlation between serum levels of sFlt1 with systolic blood pressure ( $p = 0,002$ ) and diastolic ( $p = 0,047$ ).

**Conclusion :** There is a correlation between serum levels of sFlt1 with blood pressure.

**Keywords :** sFlt1 serum levels, blood pressure